

System and Method of Autodialing for Long-Distance Access

ABSTRACT OF THE DISCLOSURE

A telephone accessory that is connected to a subscriber's telephone line as an extension, and monitors the line for the initiation of a call from any telephone set. The invention detects a call initiation by determining that a telephone set has seized the line without ring voltage being present immediately beforehand. If the first digit dialed by the subscriber is a "1", the invention immediately dials the remainder of a long-distance access code, without the initial "1", followed by a "1" which signifies a long distance number. This burst of dialed digits takes a short time, after which the subscriber continues to dial the area code and number as normal. The effect for the subscriber is to manually dial a normal long distance number as 1+area code+number, while this invention takes advantage of the fact that long distance access codes begin with "1" and automatically inserts the desired code.